

# Enrique Lanuza

## List of Publications by Year in descending order

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81  
papers

3,155  
citations

126708

33  
h-index

189595

50  
g-index

84  
all docs

84  
docs citations

84  
times ranked

2721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a unified analysis of brain maturation and aging across the entire lifespan: A MRI analysis. <i>Human Brain Mapping</i> , 2017, 38, 5501-5518.	1.9	209
2	Differential efferent projections of the anterior, posteroventral, and posterodorsal subdivisions of the medial amygdala in mice. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 33.	0.9	123
3	The pallial amygdala of amniote vertebrates: evolution of the concept, evolution of the structure. <i>Brain Research Bulletin</i> , 2002, 57, 463-469.	1.4	121
4	Refining the dual olfactory hypothesis: Pheromone reward and odour experience. <i>Behavioural Brain Research</i> , 2009, 200, 277-286.	1.2	114
5	Lifespan Changes of the Human Brain In Alzheimer's Disease. <i>Scientific Reports</i> , 2019, 9, 3998.	1.6	113
6	Attractive properties of sexual pheromones in mice. <i>Physiology and Behavior</i> , 2002, 77, 167-176.	1.0	108
7	Of Pheromones and Kairomones: What Receptors Mediate Innate Emotional Responses?. <i>Anatomical Record</i> , 2013, 296, 1346-1363.	0.8	90
8	Unconditioned stimulus pathways to the amygdala: effects of posterior thalamic and cortical lesions on fear conditioning. <i>Neuroscience</i> , 2004, 125, 305-315.	1.1	88
9	Attraction to sexual pheromones and associated odorants in female mice involves activation of the reward system and basolateral amygdala. <i>European Journal of Neuroscience</i> , 2005, 21, 2186-2198.	1.2	86
10	Identification of the reptilian basolateral amygdala: an anatomical investigation of the afferents to the posterior dorsal ventricular ridge of the lizard <i>Podarcis hispanica</i> . <i>European Journal of Neuroscience</i> , 1998, 10, 3517-3534.	1.2	74
11	Distribution of PSA-NCAM expression in the amygdala of the adult rat. <i>Neuroscience</i> , 2002, 113, 479-484.	1.1	68
12	Afferent projections to the different medial amygdala subdivisions: a retrograde tracing study in the mouse. <i>Brain Structure and Function</i> , 2016, 221, 1033-1065.	1.2	67
13	Unconditioned stimulus pathways to the amygdala: Effects of lesions of the posterior intralaminar thalamus on foot-shock-induced c-Fos expression in the subdivisions of the lateral amygdala. <i>Neuroscience</i> , 2008, 155, 959-968.	1.1	66
14	Efferents and Centrifugal Afferents of the Main and Accessory Olfactory Bulbs in the Snake <i>Thamnophis sirtalis</i> . <i>Brain, Behavior and Evolution</i> , 1998, 51, 1-22.	0.9	65
15	A Lacertilian Dorsal Retinorecipient Thalamus: A Re-Investigation in the Old-World Lizard <i>Podarcis hispanica</i> (Part 1 of 2). <i>Brain, Behavior and Evolution</i> , 1997, 50, 313-323.	0.9	64
16	Intraspecific Communication Through Chemical Signals in Female Mice: Reinforcing Properties of Involatible Male Sexual Pheromones. <i>Chemical Senses</i> , 2006, 32, 139-148.	1.1	58
17	Projections from the posterolateral olfactory amygdala to the ventral striatum: neural basis for reinforcing properties of chemical stimuli. <i>BMC Neuroscience</i> , 2007, 8, 103.	0.8	58
18	From sexual attraction to maternal aggression: When pheromones change their behavioural significance. <i>Hormones and Behavior</i> , 2015, 68, 65-76.	1.0	56

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19	Afferent and efferent connections of the nucleus sphericus in the snake <i>Thamnophis sirtalis</i> : Convergence of olfactory and vomeronasal information in the lateral cortex and the amygdala. , 1997, 385, 627-640.		53
20	The vomeronasal cortex “ afferent and efferent projections of the posteromedial cortical nucleus of the amygdala in mice. <i>European Journal of Neuroscience</i> , 2014, 39, 141-158.	1.2	49
21	Two interconnected functional systems in the amygdala of amniote vertebrates. <i>Brain Research Bulletin</i> , 2008, 75, 206-213.	1.4	48
22	Distribution of corticotropin-releasing factor-immunoreactive neurons in the central nervous system of the domestic chicken and Japanese quail. <i>Journal of Comparative Neurology</i> , 2004, 469, 559-580.	0.9	47
23	Amygdalo-hypothalamic projections in the lizard <i>Podarcis hispanica</i> : A combined anterograde and retrograde tracing study. , 1997, 384, 537-555.		46
24	Selective dopaminergic lesions of the ventral tegmental area impair preference for sucrose but not for male sexual pheromones in female mice. <i>European Journal of Neuroscience</i> , 2006, 24, 885-893.	1.2	46
25	Role of the vomeronasal system in intersexual attraction in female mice. <i>Neuroscience</i> , 2008, 153, 383-395.	1.1	45
26	Distribution of oxytocin and co-localization with arginine vasopressin in the brain of mice. <i>Brain Structure and Function</i> , 2016, 221, 3445-3473.	1.2	45
27	Septal complex of the telencephalon of lizards: III. Efferent connections and general discussion. <i>Journal of Comparative Neurology</i> , 1998, 401, 525-548.	0.9	43
28	Tuning the brain for motherhood: prolactin-like central signalling in virgin, pregnant, and lactating female mice. <i>Brain Structure and Function</i> , 2017, 222, 895-921.	1.2	43
29	Organization of the ophidian amygdala: Chemosensory pathways to the hypothalamus. , 1999, 412, 51-68.		42
30	Distribution of CGRP-like immunoreactivity in the chick and quail brain. , 2000, 421, 515-532.		41
31	Attraction to male pheromones and sexual behaviour show different regulatory mechanisms in female mice. <i>Physiology and Behavior</i> , 2004, 81, 427-434.	1.0	39
32	Vomeronasal inputs to the rodent ventral striatum. <i>Brain Research Bulletin</i> , 2008, 75, 467-473.	1.4	38
33	Amygdaloid projections to the ventral striatum in mice: direct and indirect chemosensory inputs to the brain reward system. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 54.	0.9	38
34	Septal complex of the telencephalon of the lizard <i>Podarcis hispanica</i> . II. afferent connections. <i>Journal of Comparative Neurology</i> , 1997, 383, 489-511.	0.9	37
35	Chemosensory Function of the Amygdala. <i>Vitamins and Hormones</i> , 2010, 83, 165-196.	0.7	37
36	Evolution of the Amygdala in Vertebrates. , 2007, , 255-334.		36

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37	Sexual pheromones and the evolution of the reward system of the brain: The chemosensory function of the amygdala. <i>Brain Research Bulletin</i> , 2008, 75, 460-466.	1.4	35
38	Cladistic Analysis of Olfactory and Vomeronasal Systems. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 3.	0.9	35
39	Wired for motherhood: induction of maternal care but not maternal aggression in virgin female CD1 mice. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 197.	1.0	35
40	Structural progression of Alzheimer's disease over decades: the MRI staging scheme. <i>Brain Communications</i> , 2022, 4, fcac109.	1.5	35
41	Focal lesions within the ventral striato-pallidum abolish attraction for male chemosignals in female mice. <i>Behavioural Brain Research</i> , 2014, 259, 292-296.	1.2	32
42	Extending the socio-sexual brain: arginine-vasopressin immunoreactive circuits in the telencephalon of mice. <i>Brain Structure and Function</i> , 2014, 219, 1055-1081.	1.2	31
43	Amygdalostriatal projections in reptiles: A tract-tracing study in the lizard <i>Podarcis hispanica</i> . <i>Journal of Comparative Neurology</i> , 2004, 479, 287-308.	0.9	30
44	Piriform Cortex and Amygdala. , 2012, , 140-172.		30
45	Striato-amygdaloid transition area lesions reduce the duration of tonic immobility in the lizard <i>Podarcis hispanica</i> . <i>Brain Research Bulletin</i> , 2002, 57, 537-541.	1.4	28
46	Afferent and Efferent Connections of the Cortex-Amygdala Transition Zone in Mice. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 125.	0.9	26
47	Effects of dopaminergic drugs on innate pheromone-mediated reward in female mice: A new case of dopamine-independent "liking." <i>Behavioral Neuroscience</i> , 2007, 121, 920-932.	0.6	25
48	Synchronized Activity in The Main and Accessory Olfactory Bulbs and Vomeronasal Amygdala Elicited by Chemical Signals in Freely Behaving Mice. <i>Scientific Reports</i> , 2017, 7, 9924.	1.6	25
49	Neural substrates for processing chemosensory information in snakes. <i>Brain Research Bulletin</i> , 2002, 57, 543-546.	1.4	21
50	Understanding the basic circuitry of the cerebral hemispheres: the case of lizards and its implications in the evolution of the telencephalon. <i>Brain Research Bulletin</i> , 2002, 57, 471-473.	1.4	21
51	Amygdala. , 2015, , 441-490.		21
52	The maternal hormone in the male brain: Sexually dimorphic distribution of prolactin signalling in the mouse brain. <i>PLoS ONE</i> , 2018, 13, e0208960.	1.1	21
53	Lesions of the dopaminergic innervation of the nucleus accumbens medial shell delay the generation of preference for sucrose, but not of sexual pheromones. <i>Behavioural Brain Research</i> , 2012, 226, 538-547.	1.2	20
54	Afferent and efferent projections of the anterior cortical amygdaloid nucleus in the mouse. <i>Journal of Comparative Neurology</i> , 2017, 525, 2929-2954.	0.9	19

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55	Toward a unified analysis of cerebellum maturation and aging across the entire lifespan: A <sc>MRI</sc> analysis. <i>Human Brain Mapping</i> , 2021, 42, 1287-1303.	1.9	19
56	Distribution of calcitonin gene-related peptide-like immunoreactivity in the brain of the lizard <i>Podarcis hispanica</i> . <i>Journal of Comparative Neurology</i> , 2002, 447, 99-113.	0.9	16
57	Sex versus sweet: Opposite effects of opioid drugs on the reward of sucrose and sexual pheromones. <i>Behavioral Neuroscience</i> , 2008, 122, 416-425.	0.6	16
58	Sex pheromones are not always attractive: changes induced by learning and illness in mice. <i>Animal Behaviour</i> , 2014, 97, 265-272.	0.8	16
59	Ascending projections from the optic tectum in the lizard <i>Podarcis hispanica</i> . <i>Visual Neuroscience</i> , 1998, 15, 459-475.	0.5	14
60	What is the amygdala? A comparative approach. <i>Trends in Neurosciences</i> , 1999, 22, 207.	4.2	14
61	Efferent connections of the "olfactostriatum": A specialized vomeronasal structure within the basal ganglia of snakes. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 217-226.	1.0	14
62	Evolution of vertebrate survival circuits. <i>Current Opinion in Behavioral Sciences</i> , 2018, 24, 113-123.	2.0	13
63	Afferents to the red nucleus in the lizard <i>Podarcis hispanica</i> : Putative pathways for visuomotor integration. <i>Journal of Comparative Neurology</i> , 1999, 411, 35-55.	0.9	12
64	Chemoarchitecture and afferent connections of the "olfactostriatum": a specialized vomeronasal structure within the basal ganglia of snakes. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 49-69.	1.0	12
65	Avoidance and contextual learning induced by a kairomone, a pheromone and a common odorant in female CD1 mice. <i>Frontiers in Neuroscience</i> , 2015, 9, 336.	1.4	12
66	Maternal Motivation: Exploring the Roles of Prolactin and Pup Stimuli. <i>Neuroendocrinology</i> , 2021, 111, 805-830.	1.2	12
67	Neural Substrate to Associate Odorants and Pheromones: Convergence of Projections from the Main and Accessory Olfactory Bulbs in Mice. , 2013, , 3-16.		11
68	Pregnancy Changes the Response of the Vomeronasal and Olfactory Systems to Pups in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 593309.	1.8	11
69	pBrain: A novel pipeline for Parkinson related brain structure segmentation. <i>NeuroImage: Clinical</i> , 2020, 25, 102184.	1.4	11
70	Integrating pheromonal and spatial information in the amygdalo-hippocampal network. <i>Nature Communications</i> , 2021, 12, 5286.	5.8	11
71	Lack of MeCP2 leads to region-specific increase of doublecortin in the olfactory system. <i>Brain Structure and Function</i> , 2019, 224, 1647-1658.	1.2	8
72	Role of nitric oxide in pheromone-mediated intraspecific communication in mice. <i>Physiology and Behavior</i> , 2009, 98, 608-613.	1.0	7

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73	Catecholaminergic interplexiform cells in the retina of lizards. <i>Vision Research</i> , 1996, 36, 1349-1355.	0.7	6
74	Retinal ganglion cells projecting to the optic tectum and visual thalamus of lizards. <i>Visual Neuroscience</i> , 2002, 19, 575-581.	0.5	6
75	Male-specific features are reduced in <i>Mecp2</i> -null mice: analyses of vasopressinergic innervation, pheromone production and social behaviour. <i>Brain Structure and Function</i> , 2020, 225, 2219-2238.	1.2	6
76	The "olfactostriatum" of snakes: A basal ganglia vomeronasal structure in tetrapods. <i>Brain Research Bulletin</i> , 2005, 66, 337-340.	1.4	5
77	Glutamate and Opioid Antagonists Modulate Dopamine Levels Evoked by Innately Attractive Male Chemosignals in the Nucleus Accumbens of Female Rats. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 8.	0.9	4
78	Motherhood-induced gene expression in the mouse medial amygdala: Changes induced by pregnancy and lactation but not by pup stimuli. <i>FASEB Journal</i> , 2021, 35, e21806.	0.2	3
79	Have Sexual Pheromones Their Own Reward System in the Brain of Female Mice?. , 2008, , 261-270.		2
80	Becoming a mother shifts the activity of the social and motivation brain networks in mice. <i>IScience</i> , 2022, 25, 104525.	1.9	2
81	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0